

STN

10651668

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(FILE 'HOME' ENTERED AT 23:49:04 ON 13 MAR 2009)

FILE 'CAPLUS' ENTERED AT 23:49:25 ON 13 MAR 2009

L1 201 S FARNESYL PYROPHOSPHATE SYNTHASE
L2 22 S L1 AND CRYSTAL?
L3 0 S L1 AND P4122
L4 7 S L2 AND RISEDRONATE
L5 0 S L4 AND ISOPENTYL PYROPHOSPHATE

=> d L4 1-7

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2007:539630 CAPLUS

TI New protein crystallography and structure activity data of
bisphosphonates further confirm the cellular target and key mode of
binding involved in their bone activity

AU Ebetino, F. H.; Barnett, Bobby L.; Evdokimov, Artem G.; Pokross, Matt;
Kavanagh, K.; Lundy, Mark; McKenna, C. E.; Russell, R. G. G.; Dao, Z.;
Dunford, James

CS Procter & Gamble Pharmaceuticals, Mason, OH, 45040-9462, USA

SO Abstracts, 39th Central Regional Meeting of the American Chemical Society,
Covington, KY, United States, May 20-23 (2007), CRM-136 Publisher:
American Chemical Society, Washington, D. C.

CODEN: 69JFCV

DT Conference; Meeting Abstract

LA English

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2007:539629 CAPLUS

TI The evolution of a three dimensional understanding of the biochemical and
physicochemical structure activity relationships involved in the mechanism
of antiresorptive activity of nitrogen containing bisphosphonates

AU Barnett, Bobby L.; Ebetino, F. H.; McKenna, Charles E.; Dunford, James;
Kavanagh, K.; Rogers, Michael J.; Russell, R. G. G.; Kashimirov, Boris

CS University of Cincinnati, Cincinnati, OH, 45221, USA

SO Abstracts, 39th Central Regional Meeting of the American Chemical Society,
Covington, KY, United States, May 20-23 (2007), CRM-135 Publisher:
American Chemical Society, Washington, D. C.

CODEN: 69JFCV

DT Conference; Meeting Abstract

LA English

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2006:861811 CAPLUS

TI Probing the structures of leishmanial farnesyl pyrophosphate synthases:
Homology modeling and docking studies

AU Mukherjee, Prasenjit; Desai, Prashant V.; Srivastava, Anuradha; Avery,
Mitchell; Tekwani, Babu L.

CS Department of Medicinal Chemistry, University of Mississippi, University,
MS, 38677, USA

SO Abstracts of Papers, 232nd ACS National Meeting, San Francisco, CA, United
States, Sept. 10-14, 2006 (2006), MEDI-356 Publisher: American Chemical
Society, Washington, D. C.

CODEN: 69IHRD

DT Conference; Meeting Abstract; (computer optical disk)

LA English

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2006:713495 CAPLUS

DN 146:19057
TI Bisphosphonates: From bench to bedside
AU Russell, R. Graham G.
CS Botnar Research Centre, Oxford University Institute of Musculoskeletal Sciences, Oxford, OX3 7LD, UK
SO Annals of the New York Academy of Sciences (2006), 1068(Skeletal Development and Remodeling in Health, Disease, and Aging), 367-401
CODEN: ANYAA9; ISSN: 0077-8923
PB New York Academy of Sciences
DT Journal; General Review
LA English
RE.CNT 214 THERE ARE 214 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:545723 CAPLUS
DN 145:96365
TI The molecular mechanism of nitrogen-containing bisphosphonates as antiosteoporosis drugs
AU Kavanagh, Kathryn L.; Guo, Kunde; Dunford, James E.; Wu, Xiaoqiu; Knapp, Stefan; Ebetino, Frank H.; Rogers, Michael J.; Russell, R. Graham G.; Oppermann, Udo
CS Structural Genomics Consortium, University of Oxford, Oxford, OX3 7LD, UK
SO Proceedings of the National Academy of Sciences of the United States of America (2006), 103(20), 7829-7834
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:105858 CAPLUS
TI An improved synthesis of 2-pyrindinylmethylene bisphosphonic acid, a useful probe for modeling and crystallographic studies of farnesyl pyrophosphate synthase inhibition
AU Deprele, S.; Kashemirov, B. A.; Hogan, J. M.; Evdokimov, Artem G.; Ebetino, F. H.; McKenna, C. E.
CS Department of Chemistry, University of Southern California, Los Angeles, CA, 90404, USA
SO Abstracts, 40th Western Regional Meeting of the American Chemical Society, Anaheim, CA, United States, January 22-25 (2006), WRM-335 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69HUVH
DT Conference; Meeting Abstract
LA English

L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:29946 CAPLUS
DN 144:166345
TI Structure and mechanism of the farnesyl diphosphate synthase from Trypanosoma cruzi: Implications for drug design
AU Gabelli, Sandra B.; McLellan, Jason S.; Montalvetti, Andrea; Oldfield, Eric; Docampo, Roberto; Amzel, L. Mario
CS Department of Biophysics and Biophysical Chemistry, Johns Hopkins School of Medicine, Baltimore, MD, 21205, USA
SO Proteins: Structure, Function, and Bioinformatics (2005), Volume Date 2006, 62(1), 80-88
CODEN: PSFBAF
PB Wiley-Liss, Inc.
DT Journal
LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT